



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁵:C09K 15/04, 15/08, 15/32 // B32B 33/00, A1
B65D 65/38, 65/40

(11) International Publication Number:

WO 94/125

(43) International Publication Date:

9 June 1994 (09.06)

(21) International Application Number: PCT/AU93/00598

(22) International Filing Date: 24 November 1993 (24.11.93)

(30) Priority Data:

PL 6005

24 November 1992 (24.11.92) AU

(71) Applicant (for all designated States except US): COMMON-WEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION [AU/AU]; Limestone Avenue, Campbell, ACT 2601 (AU).

(72) Inventor; and

(75) Inventor/Applicant (for US only): ROONEY, Michael, Lawrence [AU/AU]; 120 Tambourine Bay Road, Lane Cove, NSW 2066 (AU).

(74) Agent: F.B. RICE & CO.; 28A Montague Street, Balmain, NSW 2041 (AU).

(81) Designated States: AT, AU, BB, BG, BR, BY, CA, CH, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SK, UA, US, UZ, VN, European patent (AT, BE, CH, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), O patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG).

Published

With international search report.

(54) Title: OXYGEN SCAVENGERS INDEPENDENT OF TRANSITION METAL CATALYSTS

(57) Abstract

A composition for reducing the concentration of molecular oxygen present in an atmosphere or liquid, comprising at least one reducible organic compound which is reduced under predetermined conditions, the reduced form of the compound being oxidizable by molecular oxygen, wherein the reduction and/or subsequent oxidation of the organic compound occurs independent of the presence of a transition metal catalyst.